

Product datasheet for RN207316

Adamtsl4 (NM_001034012) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Adamtsl4 (NM_001034012) Rat Untagged Clone
Tag: Tag Free
Symbol: Adamtsl4
Synonyms: Tsrc1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN207316 representing NM_001034012
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGAGCTTTGGCTGGGCAGGCTCTGGCTGTATGTCATGCTGCTCTTGTCTCTCCTTCAGCTCTGCCAGG
 ATCAGGAGCTGTTGGGTCTTCTCTTCAGACACCATCAGAGGAGGACCAGGTCCTGAGGGTCTCTGGGG
 ACCTTGGGGCCGATGGGCTCCTGCTCCCAGCCCTGTGGGGTGGGGGTGCAGCGCCGGAGCCGAACATGT
 GAACTGCACCCAGCCCTGTCCCTCCCTCCCGACCCCAAGACATCCAGAAGCCCCCAGCCCCGGGGCC
 AGGGTTCCAGACCCAGACTCCACGGGATCCCCAGTCCCTGTATAGGCCACAGCCTCGGGGAAGGGGTGG
 CCCTCTTCGAGGTCTGTCTCAAGTGGGGAGAGAGGAGACCCAGGAGCCTCGGGGGGCCAGAGGTTT
 CGTGTTCGAGACCCTATCAAGCCAGGGATGTTTCGGTTACGGGCGAGTGCCCTTTGCTTTGCCCTGCACC
 GGAGCCGAGGCTTGCTCACAACCTGGACAGCCCAAGGACTCCTCTACAGCGGAAGAGACACTTCCATC
 CCAGCCTCCAAGCACAGAACCAGCCTCTGAAAAGCACAGCCCCACATGCAGCCCCCTGAACTGCGTGCC
 CAATCCCGTTCCTCCTCAGCTGAACTCCAAGGTCTGAACTGCTCAGACAGAAGTGCCCTCCAGAACCA
 GTTCTGTCCCTCCGACATGGGTATCCCTGCACCCACTTCTCCTTTAGAGACAGTAGGCTTTCCAGGG
 ATCCCCTGAGCCACGAATGCCAACTTCCCAGGGAGCAGAGCGACAGCCACATCCTTTCTCTCCTGTCACC
 CGGAGCCAGCTGAGCCGAGGCACTGGAGACCTCCGGGGAGTCCCTCACAGGTCCCGAGATGGCTGGCTGC
 CTCTGACAAGGGACTCCAGCCCACTGGAGCCTCTTTGCTCCCAGTAGCCCCACTCCAGAATGTTCTGG
 GGAAAGTGAACAGATGAGAGCCTGCAGCCAAGAGCCTTGCCCCCTGAGCAGCCAGACCCAGGGCCCTG
 CAGTGTGCCGCTTTGACTCCCAGGAATTCATGGGCCAGCTGTACCAGTGGGAGCCCTTACCAGAAAGTTC
 AAGGCTCCAGCGCTGTGAAGTGAAGTCCGCCCCCGTGGCTTCCGATTTTATGTCGGTCACTGAAAA
 GGTGCAGGATGGGACCTGTGTCAGCCTGGATCCCTAGACATTTGTGGCTGGACTGCCTGAGCCCC
 GGCTGTGATGGGATCCTTGGCTCTGGCAGGCGTCCGGATGGCTGTGGAGTCTGTGGGGTGCAGGCTCTA
 CCTGCCGTCTCGTTTCGGGAATCTCACTGACCGAGGGGGCCCTTGGGCTATCAGAAGATCCTGTGGAT
 TCTGCGGGAGCCTCCATCTTCGATTTCCAGTTCCGACCCAGTTCCAATTACCTTGCCTTCGAGGG
 CCTGGTGGCCGCTCCATTATCAATGGAACTGGCTGTAGATCCTCCAGGATCCTACGCGCCGTCGGGA



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CCGTCTTCCAGTATAACCGTCTCTCGGGAGGAGGGCAAGGGGAGACTCTGTGACGAGAAGGCCCTAC
CACCCAGCCTGTGGATGTCTATATGATCTTTCAAGAGGACAACCCAGGTGTCTTCTATCAGTATGTCACC
TCTGCAGCCCCAGAGAGCCCTTCCACAATGCCTCCAGCCCTTCAGCTTACGCTGAGATGCTGAGGGGGG
AGCCCTTACTCCCTTCAGCCCCCGCCAGTTCGGGCACCAGGCACCCCTCCAGCGTCAGGCACGGATTCC
CCAAGTGCCTCCTCCGACTCATGTCAGGACGGCCATGGGATCTTCGGCTGGGTACTGGAAGCAGGTGGGG
CACTCTGAATGTTTCAGCATCCTGTGGCAAAGGTGTTTGGCGCCCCATCTCTCTGCGTTTCCCGTGAGT
CAGGAGAAGAGTTGGATGAACAGAGCTGTGCCGTGGGGGCCAGACCCCCAGCTTCCCCTGAATCCTGCCA
TAGACCACCGTGTCCCCATACTGGGAGGCTGGCGAGTGGACGTCTGCAGCCGCTCCTGTGGCCCTGGC
ACCCAGCATCGCCAGCTGCTCTGCAGACAGGAATTTCGGAGGCGGTGGCTCCTCAGTGCCTCCAGAGCGTT
GCGGACATCTCCCCGGCCCAACATCACCCAGTCTGTGACGTGCGCCTTTGTGGCCACTGGGAGATTAG
CTCCCCCTGGAGCCAGTGTCTGTGCGCTGTGGTCTGGTGTGAGGAGCCGGCAAGTGGGTGTGTGGA
AGTAATGGCCATGAGGTGGGCAAGCAGGAGTGTGCTTCCGGGCCCCGCCACCTCCAGCAGAGAGGCTT
GTGACATGGGCCCTGTACCACAGCCTGGTCTACAGTACTGGAGTTCCAAGTGTCTCAGCCGAGTGTGG
GACAGGCATCCAGAGACGCGCTGTGGTCTGCCTTAGGAGTGGGGAGACCCCTCAGGGGGACCCAGAAGCA
GGAAGCACTGAGCAGGGTTGCCCTCTCAGAAGCCGCCCTCCTGACATGCGTGTGCTTGCAGTTTAGGGCCCT
GTGAAAAGACATGGCGCTGGTACACCGGCCCTGGAGTGTGCTCCTCTGAGTGTGGGTCTGGCACACA
GCACAGAGACATTATCTGTGTATCCAAACTGGGGACCAAATTCATGTGACTTCTCCAGCAACTGTCTCC
CACCTACCCAGGCCTCCTGCCCTGCAGCCCTGTGAGGGCCAGGCCTGTGAGGACCAATGGTTCTCTACTC
TCTGGAGTCCGTGTTCTCAATCCTGTCAAGGAGGTGTGACAGCAGGGAAGTCCAGTGCCTGAGTAGCAA
CCACACTCTCAGTCCCAGTGTCTCCGCACCTGCGACCTTCTAGGAAGCGGCCCTGTAACAGCCAAACCC
TGCAACCAGCGACCAGATGACCAATGCAAGGACAGTCTCCACATTGCCCCCTGGTGGTACAGGCACGGC
TCTGCGTCTACCCCTACTACACAGCTACCTGCTGCCGCTCCTGTGCCATGTCTGGAGCAGTCCCAACT
GGAGCCTGCTGA
    
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ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001034012

Insert Size:

3093 bp

OTI Disclaimer:

Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

Components:

The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq:
NM_001034012.1, NP_001029184.1
RefSeq Size:

4180 bp

RefSeq ORF:

3093 bp

Locus ID: 310670

UniProt ID: [Q4FZU4](#)

Cytogenetics: 2q34

Gene Summary: Positive regulation of apoptosis. May facilitate FBN1 microfibril biogenesis (By similarity).
[UniProtKB/Swiss-Prot Function]